

# Material Safety Data Sheet

## For Coatings, Resins and Related Materials

•NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals

•24 Hour Emergency: 1-800-123-4567 CHEMTREC: 1-800-424-9300

•National Response in Canada CANUTEC: 613-996-6666

•Outside U.S. and Canada Chemtrec: 202-483-7616

### Section 1 - Chemical Product / Company Information

Product Name:	AEROSOL CWF SEMI-GLOSS	Revision Date:	02/10/2005
Identification Number:	15X012	Print Date:	06/23/05
Product Use/Class:	LACQUER		
Manufacturer:	Deft, Inc. (CAGE CODE 33461) 17451 Von Karman Ave Irvine, Ca. 92614	Information Phone:	(949) 474-0400
		Emergency Phone:	(800) 424-9300

### Section 2 - Hazards Identification

\*\*\* Emergency Overview \*\*\*: Amber liquid in aerosol container. Contact with eyes or skin causes irritation. Flammable liquid. Harmful by inhalation, in contact with skin, and if swallowed.

**Effects Of Overexposure - Eye Contact:** Liquid, aerosols, or vapors are irritating and may cause tearing, redness, and swelling accompanied by a stinging sensation. Direct eye contact may cause irritation.

**Effects Of Overexposure - Skin Contact:** Prolonged and repeated skin contact may cause dermatitis, drying and defatting due to the solvent properties. Direct skin contact may cause irritation. Symptoms may include swelling, redness, and rash.

**Effects Of Overexposure - Inhalation:** Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes) & acute nervous system depression characterized by the following progressive steps: headache, dizziness, staggering gait, confusion, unconsciousness, or coma.

**Effects Of Overexposure - Ingestion:** May result in possible corrosive action in the mouth, stomach tissue and digestive tract. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Vomiting may cause aspiration of the solvent, resulting in chemical pneumonitis.

**Effects Of Overexposure - Chronic Hazards:** Prolonged contact will cause drying and cracking of the skin, due to defatting action. Skin sensitization, asthma or other allergic responses may develop.

Contains components listed as a Carcinogen: NTP? : No, IARC Monographs? : Yes, OSHA Regulated? : No. WARNING: This product contains a chemical known to the state of California to cause cancer.

**Primary Route(s) Of Entry:** Skin Contact, Skin Absorption, Inhalation, Eye Contact

### Section 3 - Composition / Information On Ingredients

Component	CAS Number	Weight % Reporting Ranges
METHYL ETHYL KETONE	78-93-3	15-40
ACETONE	67-64-1	10-30
PROPANE	68476-85-7	10-30
ISOPROPANOL ANHYDROUS	67-63-0	5-10
METHYL ISOBUTYL KETONE	108-10-1	5-10
VM & P NAPHTHA	64742-89-8	3-7
XYLENE	1330-20-7	1-5
2-BUTOXYETHANOL	111-76-2	1-5
ZINC STEARATE	557-05-1	0.5-1.5
ETHYL BENZENE	100-41-4	0.1-1.0
ISOBUTYL ALCOHOL	78-83-1	0.1-1.0

THE ABOVE LISTED PRODUCTS ARE ON THE TSCA INVENTORY LIST. ALSO ANY UNLISTED INGREDIENTS.

### Section 4 - First Aid Measures

**First Aid - Eye Contact:** If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.

**First Aid - Skin Contact:** In case of contact, immediately flush skin with plenty of water and wash affected areas thoroughly with soap and water. Remove contaminated clothing and shoes.

**First Aid - Inhalation:** Asthmatic type symptoms may develop and maybe immediate or delayed by

several hours. Move to fresh air in case of accidental inhalation of vapors. In the case of inhalation of aerosol/mist consult a physician, if necessary.

**First Aid - Ingestion:** Do not induce vomiting. Do not give anything to an unconscious person. Obtain medical help.

#### Section 5 - Fire Fighting Measures

Flash Point (°F): < 20 TOC LOWER EXPLOSIVE LIMIT UPPER EXPLOSIVE LIMIT (%): 12.  
(%): 1.0

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: Remove all sources of ignition. Fire or intense heat may cause violent rupture of packages. Toxic gases may form when product burns. Application to hot surfaces requires special precautions. Keep containers tightly closed. Isolate from heat, sparks, electrical equipment and open flame.

Special Firefighting Procedures: In the event of fire, wear self-contained breathing apparatus. Firefighters should wear full protective clothing. Flammable. Cool fire-exposed containers using water spray.

#### Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Evacuate all non-essential personnel. Remove all sources of ignition. Ventilate area. Contain and remove spilled material with inert absorbent and non-sparking tools. Use personal protective equipment as necessary.

#### Section 7 - Handling and Storage

Handling: Handle in accordance with good industrial hygiene and safety practice. Use only in ventilated areas. Open doors and windows. Keep product and empty container away from heat and sources of ignition. Keep away from open flames and hot surfaces.

Storage: Store in buildings designed to comply with OSHA 1910.106. Keep containers upright to prevent leakage and tightly closed in a dry, cool and well-ventilated place.

#### Section 8 - Exposure Controls / Personal Protection

Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL
METHYL ETHYL KETONE	200 ppm	300 ppm	200 ppm	300 ppm
ACETONE	500 ppm	750 ppm	750 ppm	1000 ppm
PROPANE	1000 ppm	N.E.	1000 ppm	N.E.
ISOPROPANOL ANHYDROUS	400 ppm	500 ppm	400 ppm	500 ppm
METHYL ISOBUTYL KETONE	50 ppm	75 ppm	50 ppm	75 ppm
VM & P NAPHTHA	300 ppm	N.E.	300 ppm	400 ppm
XYLENE	100 ppm	150 ppm	100 ppm	N.E.
2-BUTOXYETHANOL	25 ppm	N.E.	25 ppm	N.E.
ZINC STEARATE	N.E.	N.E.	15 mg/m3	N.E.
ETHYL BENZENE	100 ppm	125 ppm	100 ppm	125 ppm
ISOBUTYL ALCOHOL	50 ppm	N.E.	50 ppm	N.E.

#### Notes

ZINC STEARATE - OSHA - 8 hour TWA 15 mg/m3 total dust. 8 hour TWA 5 mg/m3 respirable fraction.

ETHYL BENZENE CAS# 100-41-4 - IARC Group 2B possibly carcinogenic to humans.

Engineering Controls: Local ventilation of emission sources may be necessary to maintain ambient concentrations below permissible OSHA exposure limits. Remove all ignition sources (heat, sparks, flame, and hot surfaces).

Respiratory Protection: A respirator that is recommended or approved for use in an organic vapor environment (air purifying or fresh air supplied) is necessary. Observe OSHA regulations for respirator use. Ventilation should be provided to keep exposure levels below the OSHA permissible limits.

Skin Protection: Chemical-resistant gloves (cotton, neoprene, rubber, polyethylene) should be used to prevent skin contact.

Eye Protection: Wear safety eyewear (safety glasses, safety glasses with side-shields, chemical goggles, or face shields) to prevent eye contact.

Other protective equipment: Long sleeve and long leg clothing is recommended. Remove and wash contaminated clothing before reuse or discard.

Hygienic Practices: Wash hands before breaks, eating, smoking, and at the end of the workday.

#### Section 9 - Physical and Chemical Properties

Boiling Range (°F):	N.D. - 343	Vapor Density:	Heavier than air
Odor:	N.A.	Odor Threshold:	N.D.
Appearance:	Amber liquid	Evaporation Rate:	2.82 x n-Butyl Acetate
Solubility in H2O:	Insoluble		
Freeze Point:	N.D.	Specific Gravity:	0.766

Vapor Pressure:	N.D.	PH:	N.A.
Physical State:	Liquid	Viscosity:	Thin liquid to heavy viscous material

(See section 16 for abbreviation legend)

#### **Section 10 - Stability and Reactivity**

Conditions To Avoid: Do not breathe vapors or spray mist. Avoid high temperatures, sparks, or open flames.

Incompatibility: Incompatible with strong acids and oxidizing agents.

Hazardous Decomposition: Thermal decomposition can lead to the generation and release of gases and vapors including carbon monoxide, carbon dioxide, oxides of nitrogen, and hydrocarbons.

Hazardous Polymerization: Will not occur.

Stability: Stable under recommended storage conditions.

#### **Section 11 - Toxicological Information**

Product LD50: N.E.

Product LC50: N.E.

#### **Section 12 - Ecological Information**

Ecological Information: No Information.

#### **Section 13 - Disposal Information**

Disposal Information: Dispose of waste in accordance with federal, state, and local environmental regulations. RCRA HAZARDOUS WASTE CODE U161. Empty containers will contain product residue and flammable vapors. Handle as hazardous material. Do not incinerate closed containers. EPA Hazardous Waste Number/Code: D001, F003, F005. Hazardous Waste Characteristics: Ignitability and Reactivity.

#### **Section 14 - Transportation Information**

DOT Proper Shipping Name:	Aerosol Class 2	Packing Group:	N.A.
DOT Technical Name:	N.A.	Hazard Subclass:	N.A.
DOT Hazard Class:	Consumer commodity ORM-D	Resp. Guide Page:	N.A.
DOT UN/NA Number:	N.A.		

#### **Section 15 - Regulatory Information**

#### **CERCLA – SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD, REACTIVE HAZARD

#### **SARA Section 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<b>Component</b>	<b>CAS Number</b>	<b>Percent By Weight</b>
METHYL ETHYL KETONE	78-93-3	26.78
ISOPROPANOL ANHYDROUS	67-63-0	7.68
METHYL ISOBUTYL KETONE	108-10-1	6.14
XYLENE	1330-20-7	2.99
2-BUTOXYETHANOL	111-76-2	1.88
ZINC STEARATE	557-05-1	1.06
ETHYL BENZENE	100-41-4	0.55

#### **Toxic Substances Control Act:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

<b>Component</b>	<b>CAS Number</b>
METHYL ISOBUTYL KETONE	108-10-1

#### **U.S. State Regulations: As follows –**

##### **New Jersey Right-to-Know:**

The following materials are non-hazardous, but are among the top five components in this product.

<b>Component</b>	<b>CAS Number</b>
ALKYD RESIN	UNKNOWN

##### **Pennsylvania Right-to-Know:**

The following non-hazardous ingredients are present in the product at greater than 3%.

**Component**

ALKYD RESIN

**CAS Number**

UNKNOWN

**California Proposition 65:**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

**Component**

ETHYL BENZENE  
ETHYL BENZENE  
ETHYLENE OXIDE

**CAS Number**

100-41-4  
100-41-4  
75-21-8

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

**Component**

ETHYLENE OXIDE

**CAS Number**

75-21-8

**International Regulations: As follows –**

**CANADIAN WHMIS:** This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**CANADIAN WHMIS CLASS:** N.A.

<b>Section 16 - Other Information</b>
---------------------------------------

**HMIS Ratings:**

Health: 3

Flammability: 4

Reactivity: 1

Personal Protection: I

**VOLATILE ORGANIC COMPOUNDS, GR/LTR:** 641

**VOLATILE ORGANIC COMPOUNDS, LB/GAL:** 5.35

**VOLATILE ORGANIC COMPOUNDS MIXED, GR/LTR:** <= N.D.

**VOLATILE ORGANIC COMPOUNDS MIXED, LB/GAL:** <= N.D.

**REASON FOR REVISION:** New Computer System

**REGULATORY CODE:** 15X012

**LAYOUT CODE:** A2004R

**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.